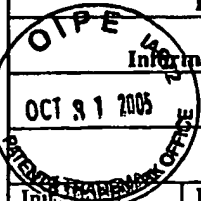


Form PTO 1449 (Rev. 2-32)				U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. IMMR-IMD0002D		Serial No. 10/657,145	
Information Disclosure Statement by Applicant						Applicant: David Alexander et al.			
(Use several sheets if necessary)						Filed: September 9, 2003		Group: 3714	
U.S. Patent Documents									
Init.		Document No.	Date	Name	Class	Subclass	Filing Date		
TM	EX	5,576,727	11/19/1996	Rosenberg et al.					
TM	EY	5,589,854	12/31/1996	Tsai					
TM	EZ	5,593,306	1/14/1997	Kohnke					
TM	FA	5,609,485	3/11/1997	Bergman et al.					
TM	FB	5,623,582	4/22/1997	Rosenberg					
TM	FC	5,629,594	5/13/1997	Jacobus et al.					
TM	FD	5,666,138	9/9/1997	Culver					
TM	FE	5,682,886	1/4/1997	Delp et al.					
TM	FF	5,687,259	11/11/1997	Linford					
TM	FG	5,690,582	11/25/1997	Ulrich et al.					
TM	FH	5,691,898	11/25/1997	Rosenberg et al.					
TM	FI	5,701,140	12/23/1997	Rosenberg et al.					
TM	FJ	5,704,791	1/6/1998	Gillio					
TM	FK	5,721,566	2/24/1998	Rosenberg et al.					
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TM	FQ	5,740,802	4/21/1998	Nafis et al.					
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								Translation	
Init.		Document No.	Date	Country	Class	Subclass	Yes	No	
Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)									
TM	FR	Jones et al., "A Perceptual Analysis of Stiffness", Experimental Brain Research, vol. 79, no. 1, 1990, pp. 150-156.							
TM	FS	Kacmarek et al., "Tactile Displays", Virtual Environment Technologies, Chapter 9, 1995, pp. 349-414.							
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Examiner					Date Considered 1/13/06				
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.									

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U.S. Patent Documents								
Init.		Document No.	Date	Name	Class	Subclass	Filing Date	
TA	DZ	5,436,622	7/25/1995	Gutman et al.				
TA	EA	5,437,607	8/1/1995	Taylor				
TA	EB	5,438,529	8/1/1995	Rosenberg et al.				
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TA	ED	5,454,722	10/3/1995	Holland et al.				
TA	EE	5,459,382	10/17/1995	Jacobus et al.				
TA	EF	5,466,213	10/14/1995	Hogan et al.				
TA	EG	5,482,472	1/9/1996	Garoni et al.				
TA	EH	5,483,254	1/9/1996	Powell				
TA	EI	5,483,961	1/16/1996	Kelly et al.				
TA	EJ	5,509,810	4/23/1996	Schertz et al.				
TA	EK	5,510,832	4/23/1996	Garcia				
TA	EL	5,513,992	5/7/1996	Refait				
TA	EM	5,518,406	5/21/1996	Waters				
TA	EN	5,531,227	7/2/1996	Schneider				
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TA	ES	5,575,761	11/19/1996	Hajianpour				
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Init.		Document No.	Date	Country	Class	Subclass	Yes	No
Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)								
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				Filed: September 9, 2003		Group: 3714		
U.S. Patent Documents								
Init.		Document No.	Date	Name	Class	Subclass	Filing Date	
IA	A	2,972,140	9/23/1958	J. Hirsch 02/1967				
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IA	C	3,220,121	11/30/1965	A.E. Cutler				
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Init.		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
IA	V	H2-185278	1/12/1989	JP			X	
IA	W	H4-8381	4/25/1990	JP			X	
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Examiner					Date Considered 11-13-6			
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	10/657,145
				Filing Date	September 9, 2003
				First Named Inventor	David Alexander
				Group Art Unit	3714
Examiner Name	John Sotomayor				
Sheet	4	of	10	Attorney Docket Number	IMMR023/04US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
CH		4,767,333		Born	08-20-1988
CH		4,726,772		Amplatz	02-23-1988
CH		4,713,007		Alban	12/15/1987
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Examiner	Cite	Foreign Patent Document	Date of Publication

¹ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

² For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

Examiner Signature	Chanda L. Harris	Date Considered	8/15/05
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				Filing Date	September 9, 2003
				First Named Inventor	David Alexander
				Group Art Unit	3714
				Examiner Name	John Sotomayor
Sheet	2	of	10	Attorney Docket Number	IMMR023/04US

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CH		5,721,566		Rosenberg et al.	02-24-1998
CH		5,704,791		Gillio	01-06-1998
CH		5,701,140		Rosenberg et al.	11-23-1997
CH		5,691,898		Rosenberg et al.	11-25-1997
CH		5,687,259		Linford	11-11-1997
CH		5,682,886		Delp et al.	11-04-1997
CH		5,666,138		Culver	09-09-1997
CH		5,629,594		Jacobus et al.	05-13-1997
CH		5,623,582		Rosenberg	04-22-1997
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CH		5,593,306		Kohnke	01-14-1997
CH		5,589,854		Tsai	12-31-1996
CH		5,576,727		Rosenberg et al.	11-19-1996
CH		5,559,412		Schuler	09-24-1996
CH		5,552,995		Sebastian	09-03-1996
CH		5,547,382		Yamasaki et al.	08/20/1996
CH		5,546,943		Could	08-20-1996
CH		5,531,227		Schneider	07-02-1996
CH		5,518,406		Waters	05-21-1996
CH		5,513,992		Refait	05-07-1996
CH		5,510,832		Garcia	04-23-1996
CH		5,509,810		Schertz et al.	04-23-1996
CH		5,483,961		Kelly et al.	01-16-1996
CH		5,483,254		Powell	01-09-1996
CH		5,482,472		Garoni et al.	01-09-1996
CH		5,466,213		Hogan et al.	11/14/1995
CH		5,459,382		Jacobus et al.	10-17-1995
CH		5,454,722		Holland et al.	10-03-1995
CH		5,451,924		Massimino et al.	09-19-1995
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Examiner Signature	Chanda L. Harris	Date Considered	8/15/05
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